

CLAIMS

1. A disk drive for intermittently recording and/or reproducing a continuous data stream to and/or from a disk-type recording medium in increments of a predetermined amount of data;

wherein parts of driving circuits for driving said disk-type recording medium are temporarily deactivated while said data stream is not being recorded to said disk-type recording medium in an idle time during the intermittent recording and/or reproduction of said data stream; and

wherein the driving circuit parts to be deactivated are switched depending on the length of said idle time.

2. A disk drive according to claim 1, wherein more parts of said driving circuits are deactivated proportionately with said idle time getting longer.

3. A disk drive according to claim 2, wherein the driving circuit parts to be deactivated proportionately with said idle time getting longer are circuit parts taking a relatively long time to start up.

4. A disk drive controlling method for controlling a disk drive for intermittently recording and/or reproducing a continuous data stream to and/or from a disk-type recording medium in increments of a

predetermined amount of data, said disk drive controlling method comprising the steps of:

temporarily deactivating parts of driving circuits for driving said disk-type recording medium while said data stream is not being recorded to said disk-type recording medium in an idle time during the intermittent recording and/or reproduction of said data stream; and

switching the driving circuit parts to be deactivated depending on the length of said idle time.

5. A disk drive controlling method program for use with a computer controlling a disk drive for intermittently recording and/or reproducing a continuous data stream to and/or from a disk-type recording medium in increments of a predetermined amount of data, said disk drive controlling method program causing said computer to carry out a procedure comprising the steps of:

temporarily deactivating parts of driving circuits for driving said disk-type recording medium while said data stream is not being recorded to said disk-type recording medium in an idle time during the intermittent recording and/or reproduction of said data stream; and

switching the driving circuit parts to be deactivated depending on the length of said idle time.